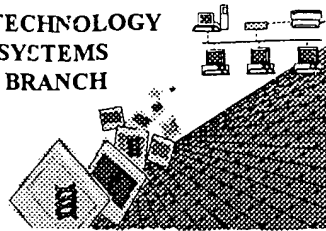


BIOTECHNOLOGY
SYSTEMS
BRANCH



1647
#24
SB
11/25/02

RAW SEQUENCE LISTING
ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/115,589B
Source: 1600
Date Processed by STIC: 11/13/2002

RECEIVED

NOV 18 2002

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.
PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

TECH CENTER 1600/2900

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE **CHECKER**
VERSION 3.1 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND
TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: U.S. Patent and Trademark Office, Box Sequence, P.O. Box 2327, Arlington, VA 22202
3. Hand Carry directly to:
U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7th Floor, Examiner Name, Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202
Or
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office, Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

Revised 01/29/2002

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1600

RAW SEQUENCE LISTING
 PATENT APPLICATION: US/09/115,589B

DATE: 11/13/2002
 TIME: 15:41:25

Input Set : A:\ptq-27.sequence.txt
 Output Set: N:\CRF4\11132002\I115589B.raw

3 <110> APPLICANT: Van Eyk, Jennifer E.
 4 Iscoe, Steven D
 5 Simpson, Jeremy A
 7 <120> TITLE OF INVENTION: Methods of Diagnosing Muscle Damage
 9 <130> FILE REFERENCE: 1997-02US
 11 <140> CURRENT APPLICATION NUMBER: 09/115,589B
 12 <141> CURRENT FILING DATE: 1998-07-15
 14 <150> PRIOR APPLICATION NUMBER: 60/052,697
 15 <151> PRIOR FILING DATE: 1997-07-16
 17 <160> NUMBER OF SEQ ID NOS: 19
 19 <170> SOFTWARE: PatentIn Ver. 2.1

Does Not Comply
 Corrected Diskette Needed
 pp 1-3

ERRORED SEQUENCES

922 <210> SEQ ID NO: 19
 923 <211> LENGTH: 192
 924 <212> TYPE: PRT
 925 <213> ORGANISM: Unknown
 927 <220> FEATURE:
 928 <221> NAME/KEY: PEPTIDE
 929 <222> LOCATION: (1)..(192)
 930 <223> OTHER INFORMATION: rat myosin light chain 1, atrial isoform
 932 <220> FEATURE:
 933 <223> OTHER INFORMATION: Swiss prot identification number P17209
 935 <300> PUBLICATION INFORMATION:
 936 <303> JOURNAL: Nucleic Acids Res.
 937 <304> VOLUME: 18
 938 <305> ISSUE: 6
 939 <306> PAGES: 1581-1586
 W--> 940 <307> DATE: 1990-MAR-25 (use this date format)
 942 <400> SEQUENCE: 19
 943 Pro Pro Lys Lys Pro Glu Pro Lys Lys Glu Thr Ala Lys Val Ala Ala
 944 1 5 10 15
 946 Ala Pro Ala Pro Ala Pro Ala Pro Glu Pro Leu Arg Asp Ser
 947 20 25 30
 949 Ala Phe Asp Pro Lys Ser Val Lys Ile Asp Phe Ser Ala Asp Gln Ile
 950 35 40 45
 952 Glu Glu Phe Lys Glu Ala Phe Ser Leu Phe Asp Arg Thr Pro Thr Gly
 953 50 55 60
 955 Glu Met Lys Ile Thr Tyr Gly Gln Cys Gly Asp Val Leu Arg Ala Leu
 956 65 70 75 80
 958 Gly Gln Asn Pro Thr Asn Ala Glu Val Leu Arg Val Leu Gly Lys Pro

same error in Sequence 18

see pp 2-3

RAW SEQUENCE LISTING

DATE: 11/13/2002

PATENT APPLICATION: US/09/115,589B

TIME: 15:41:25

Input Set : A:\ptq-27.sequence.txt

Output Set: N:\CRF4\11132002\I115589B.raw

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959          85          90          95
961 Lys Pro Glu Glu Met Asn Ser Lys Thr Leu Asp Phe Glu Met Phe Leu
962          100          105          110
964 Pro Ile Leu Gln His Ile Ser Arg Asn Lys Glu Gln Gly Thr Tyr Glu
965          115          120          125
967 Asp Phe Val Glu Gly Leu Arg Val Phe Asp Lys Glu Ser Asn Gly Thr
968          130          135          140
970 Val Met Gly Ala Glu Leu Arg His Val Leu Ala Thr Leu Gly Glu Lys
971 145          150          155          160
973 Met Ser Glu Ala Glu Val Glu Gln Leu Leu Thr Gly Gln Glu Asp Ala
974          165          170          175
976 Asn Gly Cys Ile Asn Tyr Glu Ala Phe Val Lys His Val Met Ser Gly
977          180          185          190
E--> 983 16

```

delete

Use of n or Xaa has been detected in the Sequence Listing.
 Review the Sequence Listing to insure a corresponding
 explanation is presented in the <220> to <223> fields of
 each sequence using n or Xaa.

see p3

FYI

Use of n and/or Xaa has been detected in the Sequence Listing.
 Review the Sequence Listing to insure a corresponding
 explanation is presented in the <220> to <223> fields of
 each sequence using n or Xaa.

09/11/99B

3

<210> 13
<211> 181
<212> PRT
<213> Unknown

<220>
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<222> (1)..(181)
<223> Rat fast skeletal troponin I

<220>
<223> Swiss prot identification number P27768

<300>
<308> EMBL/GENBANK/DDBJ DATA BANKS

<309>

<400> 13

→ this numeric identifier and
response
are mandatory
whenever <308>
has a response

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/115,589B

DATE: 11/13/2002

TIME: 15:41:26

Input Set : A:\ptq-27.sequence.txt

Output Set: N:\CRF4\11132002\I115589B.raw

L:47 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:0
 L:67 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:0
 L:92 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:0
 L:117 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:0
 L:142 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:0
 L:162 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:0
 L:187 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7 after pos.:0
 L:508 M:256 W: Invalid Numeric Header Field, Identifier <309> Expected, SEQ:13
 L:868 M:285 W: Invalid Journal Date Format:Use YYYY-MM-DD,Mon-YYYY,Season-YYYY,or YYYY, SEQ:18
 L:940 M:285 W: Invalid Journal Date Format:Use YYYY-MM-DD,Mon-YYYY,Season-YYYY,or YYYY, SEQ:19
 L:983 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:19

**NOTICE TO COMPLY WITH REQUIREMENTS FOR PATENT APPLICATIONS CONTAINING
NUCLEOTIDE SEQUENCE AND/OR AMINO ACID SEQUENCE DISCLOSURES**

The nucleotide and/or amino acid sequence disclosure contained in this application does not comply with the requirements for such a disclosure as set forth in 37 C.F.R. 1.821 - 1.825 for the following reason(s):

- ☒ 1. This application clearly fails to comply with the requirements of 37 C.F.R. 1.821-1.825. Applicant's attention is directed to these regulations, published at 1114 OG 29, May 15, 1990 and at 55 FR 18230, May 1, 1990.
- ☐ 2. This application does not contain, as a separate part of the disclosure on paper copy, a "Sequence Listing" as required by 37 C.F.R. 1.821(c).
- ☐ 3. A copy of the "Sequence Listing" in computer readable form has not been submitted as required by 37 C.F.R. 1.821(e).
- ☒ 4. A copy of the "Sequence Listing" in computer readable form has been submitted. However, the content of the computer readable form does not comply with the requirements of 37 C.F.R. 1.822 and/or 1.823, as indicated on the attached copy of the marked -up "Raw Sequence Listing."
- ☐ 5. The computer readable form that has been filed with this application has been found to be damaged and/or unreadable as indicated on the attached CRF Diskette Problem Report. A Substitute computer readable form must be submitted as required by 37 C.F.R. 1.825(d).
- ☐ 6. The paper copy of the "Sequence Listing" is not the same as the computer readable form of the "Sequence Listing" as required by 37 C.F.R. 1.821(e).
- ☐ 7. Other:
- ☒ An initial or substitute computer readable form (CRF) copy of the "Sequence Listing".
- ☒ An initial or substitute paper copy of the "Sequence Listing", as well as an amendment directing its entry into the specification.
- ☒ A statement that the content of the paper and computer readable copies are the same and, where applicable, include no new matter, as required by 37 C.F.R. 1.821(e) or 1.821(f) or 1.821(g) or 1.825(b) or 1.825(d).

For questions regarding compliance to these requirements, please contact:

For Rules Interpretation, call (703) 308-4216

For CRF Submission Help, call (703) 308-4212

For PatentIn software help, call (703) 308-6856

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